OMG Update

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Object Management Group (OMG): An Industry Consortium

- "OMG's mission is to promote the theory and practice of object technology for the development of distributed computing systems."

- "The goal is to provide a common architectural framework for object-oriented applications based on widely available interface specifications."

- OMG's work is done by over 750 members across North America, Europe, and the Pacific Rim.
  - Members propose, write and adopt specifications.
  - OMG staff is small.

- All the major software vendors are active members: IBM, Microsoft, Sun, Oracle, Groupe Bull, ICL, Hitachi, Fujitsu, …

- Government members include NSA, DISA, DMSO, National Defence of Canada, Eurocontrol, ...

OMG Standards Encompass Plumbing and Applications

- **Platform technology defines the basic infrastructure for distributed object computing.**
  - **Common Object Request Broker Architecture (CORBA)**
  - **Basic services, e.g., Naming, Transactions**
- **Domain technology defines interfaces to be used in a domain of application.**
  - **Manufacturing**
    - **Product definition**
    - **Shop floor control**
  - **Utilities**
    - **System monitoring**
    - **Diagnosis**

Main Activity:
Special Interest Group in Simulation

- **OMG chartered a Domain Special Interest Group (DSIG) in Distributed Simulation.**
  - Chartered January 1997.
  - SIG is a direct result of activity sponsored by DMSO.
  - OMG membership responded to demonstration of widespread interest.
- **SIG has a publicity goal.**
  - SIG promotes the use of standards for distributed simulation with industrial users of simulation and software vendors.
  - SIG is a vehicle to publicize HLA to a wider industry audience.
- **SIG has an advocacy goal: advocates adoption of technology beyond CORBA to facilitate distributed computing.**
- **SIG is in the early stages of standards work.**

For Further Information...

- Attend the Tech Exchange tomorrow.
- Object Management Group Web page:
  http://www.omg.org